

**WHAT IS CLAIMED IS:**

1. In a traffic control equipment malfunction management unit having at least two input terminals for receiving D.C voltage signals from at least two power supplies used to provide power to associated traffic control equipment, and  
5 processing circuitry for monitoring the level of the D.C voltage present on each input terminal and for generating a fault signal when either D.C. voltage level falls below a predetermined threshold value; the improvement comprising threshold circuitry for selectably providing at least two different threshold values for at least two terminals.
- 10 2. The invention of claim 1 wherein said threshold circuitry includes a manually actuatable switch for enabling manual selection between a single threshold value for said at least two terminals and two different threshold values for at least two terminals.
- 15 3. The invention of claim 1 wherein said malfunction management unit includes a display for indicating whether one or two threshold values have been selected.
4. In a method of monitoring D.C voltage signals from two power supplies used to  
20 provide power to traffic control equipment, said method comprising the steps of applying the D.C. voltage signals from said power supplies to two separate input terminals, monitoring the level of the D.C voltage present on each input terminal, and generating a fault signal when either D.C. voltage level falls below a predetermined threshold value; the improvement comprising the step of selectably  
25 providing at least two different threshold values for said two terminals.
5. The invention of claim 4 wherein said step of selectably providing includes the step of manually selecting between a single threshold value for said two terminals and two different threshold values for said two terminals.
- 30 6. The invention of claim 4 wherein said method further includes the step of providing a visible indication whether one or two threshold values have been selected.